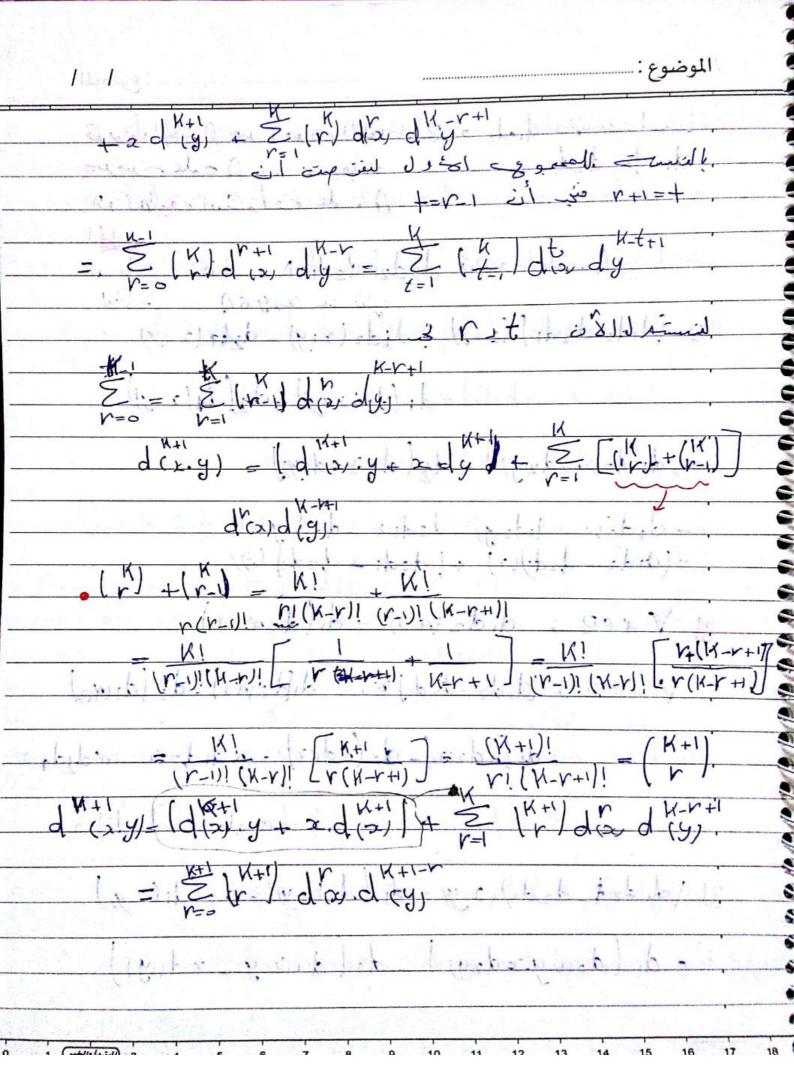
2015/10/29 الموضوع:..... مرمت: ليكى A مرفق الملقات السب ليه و الواهدي A و الم n GN و الم n d'(2,4) = 5 (1) d'x). d'(2) d(x.y) = d(x).y + x.dy d x(2,9) - = (x) d(x, d(y) ولئ هن أنها حسي من أمل الما أي لله هن (d (2.4) = E (K+1) d (2) d (4) d x+1 = d [d x(24)] -d = 1 x d x . d x-r) = E (") d (d"(2).d"(y)) = \( \( \text{K} \) \[ \d^{r+1} \d^{k-r} \\ \d^{r+1} \d^{k-r} \]
\[ \text{V=0} \] = \(\frac{1}{2} \) \d \(\f = d (x) y + E (r) d (x) d (y)



9	الموضوع:
3	بقرين: ليكي A حبر الموق الحلقات A و عامه والمبت استقاق
2	صومین علی A عد مذر فان ماری ماری ماری ماری ماری ماری ماری ماری
3	A cile ceup à did2-dedi: N - A. lind.
3	1) [d.d. d. d. d. (2+4) = d.d. (2+4) - d.d. (2+4).
3	·
<b>3</b>	= d1 (d2(x+y)) - d2 (d1(2+y))
3	= dildz(x+dzy) - dz (d, x)+d,y)
3	= didzion + didzig) - dzdin - dzdiy - + - (didz - dzdi) (4)
3	= (did2 - dzd)(x) + (dzd1 = dzd1) (4)
-3	2) $\forall \alpha \in \mathbb{R}$ : $\operatorname{did}_{2}(\alpha z) = \operatorname{did}_{2}(\alpha z)$
3	· · · · · · · · · · · · · · · · · · ·
3	- di [dd2(x)]-d2 (xd1(x)) = xd1d2(x) - xd2de(x)
9	il i = = x (dide dad) x/
3	31 \did2 \d-d2d1) \2.y = d1 \d2\(\d2\(\d2\).
	= d. (d212,y-zd2y) - d2 (d12 y - xd1y).
2	
T	1 (بيناريسي ع ع ع ع ع ع ع ع ع ع ع ع ع ع ع ع ع ع

الموضوع:..... = dilderay) + di(2d2/y) = d2(di(2), y = d2(2dy)) - did 2 1001 y + d2 x d1y + d100 id 214/+ x did 2(4) -dedisory -disorday, -de ording) - 2 d di(3) 1 = (did2(a) dedis) y + 2 (did24) dedi(y) = (didz dzdi) wy wix (didz dzdily)-, NSall did did to tollow XI the all in it to the Der(A) Just op 5 1 blates of 1 bo Le (A) rod with out of a plime to the way when I way [;]: Der(A) x Der(A) ... , Der A. (dud2) - [dud2] did & EDERAGE & BY SU. a la my A [didz] = [adiodz] = [dioadz] il - Aw V 2'E A : a [d, d] (21 = ald, d2-dd) (x) - x ( dig(x)-(xd) = x did2(x -(xd)) (x). = d.(adzia)=(adz)(dia)=di.(adzia)-(ad.2)dia)= - (d1 (xd2) - xd2) d1 (x)

cox (duidi) = Eduadi) - 1. 2) Den(A) O digliged - Sul [didelta] = (didelta) didelta) in chicking VIXE A: [d, d2+d3](x)= [d, (d2+d3) (2) (d2+d3)d](x) = di(d2+d3)(4) -(d2 +d3)dia) -= d. [d2+d3)(2) - (d2+d3) (dros) (d2 (d1121),d3d12) - dild200+d1(2) (d2 d) (d1) d2d1(2) = didz (x +didz) - dzdi (x -dzdz (x) = (did2-d2di/(x) + (did2-d2di)(x) [d,d]+[d,d](x)

[d,d]+[d,d](x)

(d,d+d] = [d,d]+[d,d)

(1.00 - 0.00) بن العديدة شره: ان العامة عبر العامة عبر العامة عبر العامة العامة عبر العامة 1 (البتياريسي 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

The Last \* In the line of the second of بتعدید التی کی ملعات تب لیات و و اهدات ، نفو ل عزید الن البيسات المتر البي (+, A) أيها هيد لن وق A إذا هفقت Miles of as to the good the 2- توهد علم تحلي لمذب رامل [, ], AxA - A (x,y) - [xy] V26A; [2,2]=0 · VXER, 2, y EA , X [2, y] = [x2,y] = [2,x]
· VxeR, 2, y EA; [x, y+z] = [2,y] + [2,z] [x+y.z]=[x,z]+[y.z] V 2, y - Z 6 A is

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[x, y ∈ A is [x, y]] 19 1 2 4 20 11 VacRizeri fearl-afr - Vzg 6A; f([z.1]]=[fix.lo]

الموضوع:.... \* invisible of book by the prise of the solder In a li City chard is also Til OCA! Just P sill ales A on to ales Iller & sill : " Lings 1) / x - y 6 A; [x,y] = \_ [y, \*] 2) V 26A: [2,0] = 01. [2, [4, 2]]=:[4, [2,2]] + [2, [4,2]] 3) Y x,y.zeA; [x,[y,z]] + [y,[z,z]) + [z,[y,y]]=0 mallende Walzyeare Ride [244] [12.44] 50. (2+y,2)4(2+y,y]=0 [12] + Gey] + [42] + [94] =0 (x,y)=-[y,2]0 = [x, x] = [x, 0+2] = [x, 0] + [x, z] = 0 (3) e les mis lux uis \* تعدين: لك هر الى لحوى عنصده الله من السين الما ري المعن USA ALLO cès (Sher July) signedu ois e = [e,e] = 0 :: ise

[Y x 6A ; x = [x,e] = [x,e] = 0

الموصوح
ب تطبیقات الاستقاق علی هبرلی ب به المامیس المامیس کرد کرد بر المامیس کرد کرد بر کرد کرد کرد کرد کرد کرد کرد کرد کرد کر
VαεR, 2εA; f(α) = α f(x)
نومز طعوى تونيها م الاستهام المعرف على هير لو الماسكان (Der(A) المسكام
Sigliterail NNV
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